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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages **17**]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [ Total Sheets **8** ]
- Oath or Declaration [ Total Pages **2** ]
  - Newly executed (original or copy)
  - Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
    - DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

Attorney Docket No.	8028-4 DIV (SPX200006-0066US)
First Inventor	Chunsuk Suh
Title	Semiconductor Memory Device Having Metal....
Express Mail Label No.	EV 329488968 US

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
  - Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - CD-ROM or CD-R (2 copies); or
    - paper
  - Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

- Assignment Papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement  Power of *(when there is an assignee)*  Attorney
- English Translation Document *(if applicable)*
- Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
- Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
- Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
- Credit Card Payment Form PTO-2038 Other for \$750.00.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. **09, 838,355**Prior application information: Examiner **Im, Junghwa M** Group Art Unit: **2811**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	Frank Chau, Esq.			
	F. CHAU & ASSOCIATES, LLP			
Address	1900 Hempstead Turnpike			
City	East Meadow	State	New York	Zip Code <b>11554</b>
Country	USA	Telephone	516-357-0091	Fax <b>516-357-0092</b>
Name (Print/Type)	Thomas W. McNulty		Registration No. (Attorney/Agent)	<b>48,609</b>
Signature			Date	<b>05 August 2003</b>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

16591 U.S.P.T.O.  
10/635378  
08/06/03

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67 U.S.P.T.O.

# FEE TRANSMITTAL for FY 2003

*Effective 01/01/2003. Patent fees are subject to annual revision.*

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

## Complaint Known

Application Number	
Filing Date	August 5, 2003
First Named Inventor	Chunsuk Suh
Examiner Name	
Art Unit	
Attorney Docket No.	8028-4 DIV (SPX200006-0066US)

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:
 Deposit Account Number  
 50-0679  
 Deposit Account Name  
 F. Chau & Associates, LLP

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	750	2001	375			Utility filing fee	750.00
1002	330	2002	165			Design filing fee	
1003	520	2003	260			Plant filing fee	
1004	750	2004	375			Reissue filing fee	
1005	160	2005	80			Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$ 750.00)</b>					

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
14	-20** = 0	x 18	= 0
Independent Claims	1	-3** = 0	x 84 = 0
Multiple Dependent			280 = 0

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	
1202	18	2202	9			Claims in excess of 20	
1201	84	2201	42			Independent claims in excess of 3	
1203	280	2203	140			Multiple dependent claim, if not paid	
1204	84	2204	42			** Reissue independent claims over original patent	
1205	18	2205	9			** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>		<b>(\$ 0)</b>					

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051	130	2051	65			Surcharge - late filing fee or oath	
1052	50	2052	25			Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130			Non-English specification	
1812	2,520	1812	2,520			For filing a request for ex parte reexamination	
1804	920*	1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*			Requesting publication of SIR after Examiner action	
1251	110	2251	55			Extension for reply within first month	
1252	410	2252	205			Extension for reply within second month	
1253	930	2253	465			Extension for reply within third month	
1254	1,450	2254	725			Extension for reply within fourth month	
1255	1,970	2255	985			Extension for reply within fifth month	
1401	320	2401	160			Notice of Appeal	
1402	320	2402	160			Filing a brief in support of an appeal	
1403	280	2403	140			Request for oral hearing	
1451	1,510	1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55			Petition to revive - unavoidable	
1453	1,300	2453	650			Petition to revive - unintentional	
1501	1,300	2501	650			Utility issue fee (or reissue)	
1502	470	2502	235			Design issue fee	
1503	630	2503	315			Plant issue fee	
1460	130	1460	130			Petitions to the Commissioner	
1807	50	1807	50			Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180			Submission of Information Disclosure Stmt	
8021	40	8021	40			Recording each patent assignment per property (times number of properties)	
1809	750	2809	375			Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375			For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375			Request for Continued Examination (RCE)	
1802	900	1802	900			Request for expedited examination of a design application	
Other fee (specify)							
*Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3) (\$)</b>			

(Complete if applicable)

Name (Print/Type)	Thomas W. McNally	Registration No. (Attorney/Agent)	48,609	Telephone 516-357-0091
Signature				
Date	05 August 2003			

WARNING: Information in this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PATENT

Atty. Docket No. 8028-4 DIV (SPX2000060066US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATIONS  
Commissioner for Patents  
PO BOX 1450  
Alexandria VA 22313-1450

APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s) : Chunsuk Suh

For: SEMICONDUCTOR MEMORY DEVICE HAVING METAL CONTACT  
STRUCTURE AND METHOD FOR MANUFACTURING THE SAME

This application is a:

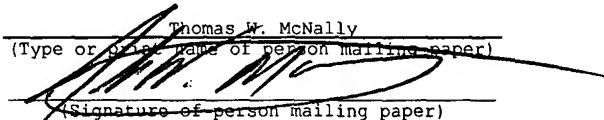
Continuation  
 Continuation-In-Part (CIP)  
 Divisional

of co-pending U.S. application Serial No. 09/838,355  
filed on April 19, 2001

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CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this Application transmittal and the documents referred to as enclosed are being deposited with the United States Postal Service on this date August 5, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV 329488968US addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria VA 22313-1450.

Thomas W. McNally  
(Type or print name of person mailing paper)  
  
(Signature of person mailing paper)

**Enclosed are:**

[X] 10 page(s) of specification  
[X] 1 page(s) of Abstract  
[X] 6 page(s) of claims  
[X] 8 sheets of drawings [X] formal [ ] informal  
[X] 2 page(s) of Declaration and Power of Attorney  
**(copy as filed in co-pending application no.**  
**09/838,355, filed April 19, 2001)**.

[X] Certified copy of applications

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
Korea	2000-66171	8 November 2000

from which priority under Title 35 United States Code, § 119  
is claimed

[ ] is enclosed.

[ ] will follow.

[X] original filed in co-pending application no.  
**09/838,355 filed April 19, 2001**

**Additional papers enclosed:**

[X] Preliminary Amendment  
[ ] Information Disclosure Statement  
[ ] Form PTO-1449  
[ ] Other

**Fee Calculation (37 C.F.R. §1.16)**

For	Number Filed	Number Extra	Rate	Basic Fee
Total				\$750.00
Claims*	14	-20 = 0	x \$ 18.00	\$ .00
Independent Claims	1	-3 = 0	x \$ 84.00	\$ .00
Multiple	[ ] yes	Add'l. Fee	\$280.00	\$
Dependent Claims	[X] no	Add'l. Fee	None	= \$ .00
				TOTAL \$750.00

[ ] Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27 [ ] is enclosed, [ ] was filed in parent application. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$ .00.

[ ] Please charge fee of \$ \_\_\_\_\_ For recording the attached Assignment by Credit Card Payment Form PTO-2028 enclosed herewith.

[X] Please charge fee of \$750.00 to cover the filing fee by Credit Card Payment Form PTO-2038 enclosed herewith.

[ ] Charge fee to Deposit Account No. 50-0679 TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

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\* Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor.  
**TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

**Relate Back - 35 U.S.C. § 120**

Amend the specification by inserting before the first line the sentence:

"This is a [ ] continuation [ ] continuation-in-part  
[X] divisional of copending application Serial No.  
09/838,355, filed April 19, 2001.

The prior application is assigned of record to  
Samsung Electronics Co., Ltd.

recorded on April 19, 2001, Reel 011729, Frame 0315.

Date: 05 August 2003

  
SIGNATURE OF ATTORNEY  
Thomas McNally  
Reg. No. 48,609

F. CHAU & ASSOCIATES, LLP  
1900 Hempstead Turnpike, Suite 501  
East Meadow, New York 11554  
Tel. No. (516) 357-0091  
Fax. (516) 357-0092

FC/TWM:mel